Approved for use through 11/30/2011. OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).							
Ihereby	appoint:						
✓ Prac	ctitioners associated with the Customer Number	:	78423				
OR							
Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):							
	Name	Registration Number	Nan	ne	Registration Number		
<u> </u>							
as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).							
Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:							
OR	he address associated with Customer Number:	7	78423				
Firm or Individual Name							
Address							
City		State		1 7:			
-		State		Zip			
Country							
Telephon	e	-	Email				
Assignee N	lame and Address:						
Seagate Technology, LLC							
920 Disc Drive							
Scotts Valley, CA 95066							
A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be							
filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.							
SIGNATURE of Assignee of Record							
The individual whose signature and title is supplied below is authorized to act on behalf of the assignee							
Signature	Muhl Ille	Wahl Illeund		Date JAN 28, 200			
Name	Michael L. Sh	Michael L. Sherrard Telephone (831)439-7297					
Title	Patent Senior Attorney						

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

IN THE UNITED STATES RECEIVING OFFICE (RO/US)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

GENERAL POWER OF ATTORNEY FOR APPLICATION

The undersigned applicant hereby appoints

William D Zahrt II

Michael L. Sherrard

SEAGATE TECHNOLOGY LLC

Intellectual Property Dept. - SV15B1

920 Disc Drive

Scotts Valley, CA95066

United States of America

Telephone:

(831) 439-7297

Facsimile:

(831) 438-1290

Jennifer M. Buenzow

Mikel R. Boeve

SEAGATE TECHNOLOGY LLC

Intellectual Property Dept. – NRW097

7801 Computer Ave. South Bloomington, MN 55435

United States of America

Telephone:

(952) 402-8585

Facsimile:

(952) 402-8187

David K. Lucente

SEAGATE TECHNOLOGY LLC

Intellectual Property Dept. - COL2LGL

389 Disc Drive

Longmont, CO 80503

United States of America

Telephone:

(720) 684-2265

Facsimile:

(720) 684-2588

Devin S. Morgan

SEAGATE TECHNOLOGY LLC

Intellectual Property Dept.

333 South Street

Shrewsbury, MA 01545

Telephone:

(508) 770-3278

Facsimile:

(508) 770-2663

Carol I. Bordas

SEAGATE TECHNOLOGY LLC

Intellectual Property Dept. - PA

1251 Waterfront Place

Pittsburgh, PA 15222

United States of America

Telephone:

(412) 918-7167

Facsimile:

(412) 918-7085

Robert J. Pechman

SEAGATE TECHNOLOGY LLC

Intellectual Property - SHK2LG

1280 Disc Drive

Shakopee, MN 55379

United States of America

Telephone: (952) 402-2987

Facsimile: (952)402-2657

to act on its behalf before the competent Authorities in connection with any and all patent applications both in the United States and all foreign countries filed by Seagate Technology LLC and of which Seagate Technology LLC is the applicant and to receive payments on its behalf.

SEAGATE TECHNOLOGY LLC

A limited liability company organized under the laws of Delaware

920 Disc Drive

Scotts Valley, CA 95066

United States of America

1/22/69 Date

Senior Vice President, General Counsel & Secretary

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

		STATEMENT UNDER 37 CFR 3.73	<u>(b)</u>				
Applicar	nt/Patent Owner: Lee, Wei-Ming						
		Filed/Issue Da	ate: 16-Sep-2003				
Titled:	OBLIQUE BURNISH/WIPE ME	ECHANISM FOR HARD DRIVE DISK I	LIKE MEDIA				
Seagate	e Technology LLC	, a Limited Liability Comp					
(Name of	Assignee)	(Type of Assignee, e.g., corp	oration, partnership, university, government agency, etc.				
states th	hat it is:						
1. 🔀	the assignee of the entire right,	title, and interest in;					
2.	an assignee of less than the ent (The extent (by percentage) of it	tire right, title, and interest in ts ownership interest is%); or					
3.	the assignee of an undivided int	terest in the entirety of (a complete assignn	nent from one of the joint inventors was made)				
the pate	ent application/patent identified abov	ve, by virtue of either:					
A. X	the United States Patent and Trademark Office at Reel 016018 , Frame 0147 , or for which a						
OR	copy therefore is attached.						
В.	A chain of title from the inventor	r(s), of the patent application/patent identific	ed above, to the current assignee as follows:				
	1. From:	То:					
		ecorded in the United States Patent and Tra					
	Reel	Frame,	or for which a copy thereof is attached.				
	2. From:	To:					
	The document was re	ecorded in the United States Patent and Tr					
	Reel	, Frame,	or for which a copy thereof is attached.				
	3. From:	To:					
		ecorded in the United States Patent and Tr					
	Reel	, Frame,	or for which a copy thereof is attached.				
	_	hain of title are listed on a supplemental sh					
	or concurrently is being, submitted f	for recordation pursuant to 37 CFR 3.11.	of title from the original owner to the assignee was				
	accordance with 37 CFR Part 3, to	record the assignment in the records of the					
The ur	ndersigned (whose title is supplied b	pelow) is authorized to act on behalf of the a	Date				
	Signature		Date				
H. Sai	nders Gwin, Jr. , Reg. No. 33,24	2	Attorney				
	Printed or Typed Name		Title				

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner** for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.